L Number	Hits	Search Text	DB	Time stamp
- Number	17	Des with "key scheduling"	USPAT;	2004/09/20 14:58
			US-PGPUB;	
			EPO; JPO;	
		•	DERWENT;	
			IBM_TDB	
_	7	(Des with "key scheduling") and @ad <	USPAT;	2004/09/22 16:32
		"20001213"	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		• •	IBM_TDB	-
-	11	"661843"	USPAT;	2004/09/20 15:48
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	!
			IBM_TDB	2004/00/00 16 40
-	87	sboxes	USPAT;	2004/09/20 16:49
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		//	IBM_TDB	2004/00/20 17:26
_	4	((sboxes with (chang\$3 with bit))) and @ad <	USPAT;	2004/09/20 17:26
		"20001213"	US-PGPUB; EPO; JPO;	
			DERWENT;	1
	1		IBM TDB	
	,,	(Idea with permutation) and Idea with	USPAT;	2004/09/21 09:08
-	18	((des with permutation) and (des with expansion)) and @ad < "20001213"	US-PGPUB;	2004/05/21 05.00
		expansion)) and wad < "20001213"	EPO; JPO;	
			DERWENT;	
			IBM TDB	
	100	3-to-1 adj multiplexers	USPAT;	2004/09/21 09:14
-	100	3-to-1 adj marcipiexers	US-PGPUB;	2001, 03, 22 03 121
			EPO; JPO;	
			DERWENT;	,
			IBM TDB	
	530	2-to-1 adj multiplexers	USPAT;	2004/09/21 09:21
			US-PGPUB;	
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
-	401	(2-to-1 adj multiplexers) and @ad <	USPAT;	2004/09/22 14:08
		"20001213"	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	·
			IBM_TDB	2221/22/27 22 75
-	397	(2-to-1 adj multiplexers) and @ad <	USPAT;	2004/09/21 09:15
		"20001013"	US-PGPUB;	
		·	EPO; JPO;	
			DERWENT;	
		//2 to 1 add multiplesses and end	IBM_TDB USPAT;	2004/09/21 09:18
-	93		US-PGPUB;	200=/03/41 03:10
		"20001013") and "DES"	EPO; JPO;	
			DERWENT;	
1		•	IBM TDB	
	8	((2-to-1 adj multiplexers) with "clock	USPAT;	2004/09/21 09:21
_	·	cycle")	US-PGPUB;	,,
		Cycle /	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	3	(((2-to-1 adj multiplexers) with "clock	USPAT;	2004/09/21 13:02
		cycle")) and @ad < "20001213"	US-PGPUB;	,
			EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
	235	380/42.ccls.	USPAT;	2004/09/21 13:03
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
t	ı		IBM TDB	1

Search History 9/23/04 9:40:01 AM Page 1

O O O O O O O O O O					1 2004/00/05 55 55
O (380/42.ccls. and @ad < "20001213") and ("expansion logic")	-	184	380/42.ccls. and @ad < "20001213"	I	2004/09/21 13:16
188			•		
0 (380/42.ccls. and @ad < "20001213") and USPAT; EPGUB; EPUB; EPU				1	
(*expansion logic*)	-	0		USPAT;	2004/09/21 13:25
- 20					
200 (380/42.ccls. and %ad < "20001213") and (expansion) (2004/09/21 13:28 EPO, JPO; DERWENT; IBM_TDB USPAT; US-PGFUB; EPO, JPO; DERWENT; IBM_TDB USP			·		•
2004/09/21 13:28					
1	-	20		i e	2004/09/21 13:28
1 (380/42.ccls. and sad < "20001213") and (expansion with "size") 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 13:32 2004/09/21 14:13 2004/09/21 14:13 2004/09/21 15:35 2004/09/21 15:35 2004/09/21 15:35 2004/09/21 15:35 2004/09/21 15:36			(expansion)		
1 (380/42.ccls. and sad < "20001213") and (expansion with "size") 5 (380/42.ccls. and sad < "20001213") and (expansion with bit) 5 (380/42.ccls. and sad < "20001213") and (expansion with bit) 6 (expansion with bit) 7 (2004/09/21 14:13 US-PGPUB; EFO, JPO, DERMENT; IBM TDB USPAT; US-				1	
Cexpansion with "size" US-PGUB; EPO, JPO; DERMENT; IPM TDB (expansion with bit) September Sept			·		2001/00/01 12 20
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT, IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; JPO; DERWENT; US-PGPUB; EPO; JPO; JPO	-	1			2004/09/21 13:32
188			(expansion with "size")		
S					
Capansion with bit)		_	(200/40 mmlmd 0-d - H20001212H) and		2004/09/21 14:13
BPO, JPO; DERMENT; IBM TDB SPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB SPAT; US-PGPUB; EPO, JPO; DERMENT; IBM TDB SPAT; US-PGPUB; EPO; JPO; DERMENT;	-	5		1	2004/09/21 14:13
TIM TDB USPAT; US - PGPUB; EP0; JP0; DERWENT; IBM TDB	1.			EPO; JPO;	
188			r	1	
US-PGPUB; EPO; JPO; DERMENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DE		100	"expansion logic"		2004/09/21 15:35
DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; J	_	100	expansion rogic	US-PGPUB;	, ,
"expansion logic" with (coupled with multiplex\$3)		-			
- 4 "expansion logic" with (coupled with multiplex\$3)					
multiplex\$3)	_	4	"expansion logic" with (coupled with		2004/09/21 15:36
BERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; US-PGPUB;				US-PGPUB;	
S				1	
S				· ·	
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	_	8	"expansion logic" with (multiplex\$3)	USPAT;	2004/09/21 15:55
DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; US-PGPU		. *			
TBM_TDB					
(multiplex\$3) (multiplex\$3 (multiplex\$3) (multiplex\$3 (multiplex\$3) (multiplex\$3 (multiplex\$3) (multiplex\$3 (multiplex\$4 (multiplex\$3 (multiplex\$4 (multiplex\$3 (multiplex\$4 (multiplex\$3 (multiplex\$4 (mu				IBM_TDB	
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	-	3		1	2004/09/21 15:56
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB			(multiplex\$3)		
- 6 "inverse permutation" with (multiplex\$3) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB				DERWENT;	
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					2004/00/21 15 50
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	-	6	"inverse permutation" with (multiplex\$3)	,	2004/09/21 15:59
BM_TDB					
- 8 "expansion logic" with multiplex\$3					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					2004/09/21 16:42
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	=	8	expansion rogic with mutciplex\$3	1	2001/05/21 10.42
- 243 (AES and permutation) and @ad < "20001213" IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				EPO; JPO;	
- 243 (AES and permutation) and @ad < "20001213" USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB DERWENT; IBM_TDB	_	243	(AES and permutation) and @ad < "20001213"		2004/09/21 17:17
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB		243	the position, and sad the south	US-PGPUB;	
- 11 AES with permutation IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; USPAT; U				1	
- 11 AES with permutation USPAT; 2004/09/21 16:46 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	-	11	AES with permutation		2004/09/21 16:46
DERWENT; IBM_TDB					
IBM_TDB					
	-	6	"Advanced encryption standard" with	USPĀT;	2004/09/21 16:48
permutation US-PGPUB; EPO; JPO;			permutation		
DERWENT;		1			
IBM TDB				DERWENT:	

				0001/00/01 15 15
-	21	("data encryption standard" with	USPAT;	2004/09/21 17:15
		permutation) and @ad < "20001213"	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	1480	(((high adj2 performance) or (high adj2	USPAT;	2004/09/21 17:26
		speed)) with DES) and @ad < "20001213"	US-PGPUB;	
		•	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_ 、	3	((((high adj2 performance) or (high adj2	USPAT;	2004/09/21 17:22
_	,	speed)) with DES) and @ad < "20001213") and	US-PGPUB;	,,
	İ	380/42.ccls.	EPO; JPO;	
		300/42.0015.	DERWENT;	
			l ' '	
		n' to gradien that the sales and the	IBM_TDB	2004/09/21 17:23
-	4	"expansion logic" with (coupled with	USPAT;	2004/09/21 17:23
		multiplexer)	US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
		,	IBM_TDB	
_	2	"expansion logic" with (coupled near	USPAT;	2004/09/21 17:25
		multiplexer)	US-PGPUB;	
		•	EPO; JPO;	
1			DERWENT;	
			IBM TDB	
_	1	"expansion logic" near5 (coupled near3	USPAT;	2004/09/21 17:25
		multiplexer)	US-PGPUB;	,, 223
		murcipieser/	EPO; JPO;	
			DERWENT;	
			-	
	_		IBM_TDB	2004/00/21 17 25
-	8	"expansion logic" with (multiplexer)	USPAT;	2004/09/21 17:25
	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	("expansion logic" with (multiplexer)) and	USPAT;	2004/09/21 17:26
		@ad < "20001213"	US-PGPUB;	
			EPO; JPO;	·
			DERWENT;	
			IBM TDB	
_	7	"permutation logic" with "expansion logic"	USPAT;	2004/09/22 10:17
1		1	US-PGPUB;	•
	Ì	·	EPO; JPO;	
			DERWENT;	
	1	. '	IBM TDB	
_	114	"permutation" with "expansion"	USPAT;	2004/09/22 10:17
	114	permueación wien expansión	US-PGPUB;	
			EPO; JPO;	
		·		
			DERWENT;	
		(1)	IBM_TDB	2004/00/22 74 05
-	53	("permutation" with "expansion") and @ad <	USPAT;	2004/09/22 14:07
		"20001213"	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	· .
-	530		USPAT;	2004/09/22 14:08
		multiplexer"	US-PGPUB;	
		-	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	401	("2-to-1 multiplexer" with "2-to-1	USPAT;	2004/09/22 16:29
	1	multiplexer") and @ad < "20001213"	US-PGPUB;	
-		mazozpior , and dad a sovotary	EPO; JPO;	
			DERWENT;	
			-	
	-	/#Data angrestion standard# same	IBM_TDB	2004/09/22 16:45
-	6	, ·	USPAT;	2004/05/22 16:45
		(determination and shift and propagation and	US-PGPUB;	
		consumption))	EPO; JPO;	
		·	DERWENT;	
			IBM TDB	

Search History 9/23/04 9:40:01 AM Page 3